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(composite coating) metallic (drug delivery) (medical

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- ☐ 1. [METALLIC COMPOSITE COATING FOR DELIVERY OF THERAPEUTIC AGENTS FROM THE SURFACE OF IMPLANTABLE DEVICES](#)
BIRDSALL, Matthew, J. / KLEIN, Richard, L. / MAIER, Nathan / MEDLOGICS DEVICE CORPORATION, PATENT COOPERATION TREATY APPLICATION, May 2005
...structure. A porous **metallic** structure is created. Such sintered **metallic** structures, however...pores of a sintered **metallic** structure, the larger...material. More recently, **drug delivery** from electrochemically...invention the implantable **medical device** is coated without significantly...
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- ☐ 2. [MEDICAL DEVICE WITH POROUS SURFACE CONTAINING BIOERODABLE BIOACTIVE COMPOSITES](#)
PEACOCK, James, Clayton, III / MEDLOGICS DEVICE CORPORATION, PATENT COOPERATION TREATY APPLICATION, Jun 2005
...structure. A porous **metallic** structure is created. Such sintered **metallic** structures, however...pores of a sintered **metallic** structure, the larger...00171 More recently, **drug delivery** from electrochemically...**drug delivery** from **medical device** surfaces by incorporating...
Full text available at patent office. For more in-depth searching go to  LexisNexis
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- ☐ 3. [IMPLANTABLE MEDICAL DEVICE](#)
WANG, Xingwu / GREENWALD, Howard / NANOSSET, LLC, PATENT COOPERATION TREATY APPLICATION, May 2006
IMPLANTABLE **MEDICAL DEVICE** CROSS-REFERENCE TO RELATED...FIELD An implantable **medical device** comprised of a substrate...claims an expandable **metallic** stent that can be visualized...result with current **metallic** stents, most of which...
Full text available at patent office. For more in-depth searching go to  LexisNexis
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- ☐ 4. [Drug/device combinations for local drug therapies and infection prophylaxis](#)

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Wu, P. / Grainger, D.W., *Biomaterials*, Apr 2006

...tandem with **drug delivery** systems. Keywords...Combination devices **Drug delivery** Stents Bone...devices Drug/**medical device** combination...pharmaceutical and **medical device** companies as...locally controlled **drug delivery**, combination...

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☐ **5. CALCIUM PHOSPHATE COATED IMPLANTABLE MEDICAL DEVICES AND PROCESSES FOR MAKING SAME**

TROCZYNSKI, Tomasz / HAKIMI, Dorna / HYUN, Buhsung / KESHMIRI, Mehrdad / LIEN, Mao-Jung, Maurice / RAJTAR, Arc / SMITH, Douglas / (...) / THE UNIVERSITY OF BRITISH COLUMBIA, PATENT COOPERATION TREATY APPLICATION, Mar 2004

...usually in the form of a **metallic** mesh tube, is moved...Unfortunately the placement of **metallic** stents often leads...the implantation of a **medical device** are initiated by damage...tions to the surface of **metallic** implantable medical...are selected in such **drug delivery** systems. A particular...

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☐ **6. No Title [PDF-423K]**

Apr 2005

...development and training of a growing population of talented biomedical engineers. Members of the pharmaceutical, biotech, and **medical device** corporate community have been invited to view presentations of the research our seniors have conducted and to meet and interview...

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☐ **7. COATING COMPOSITIONS FOR BIOACTIVE AGENTS**

DEWITT, David, M. / FINLEY, Michael, J. / LAWIN, Laurie, R. / SURMODICS, INC., PATENT COOPERATION TREATY APPLICATION, Oct 2005

...pretreatment of a **metallic** surface. The...that includes a **medical device** coated with a...surface of a **medical device** implanted in...underlying (e.g., **metallic**) surface. Examples...surface of the **medical device**. While not intending...

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☐ **8. COATING COMPOSITIONS FOR BIOACTIVE AGENTS**

DeWITT, David, M. / FINLEY, Michael, J. / LAWIN, Laurie, R. / MALINOFF, Harrison, R. / SURMODICS, INC., PATENT COOPERATION TREATY APPLICATION, Oct 2005

...the placement of a **medical device** into the body. One...optional pretreatment of a **metallic** surface. The ability...combination that includes a **medical device** coated with a composition...the underlying (e.g., **metallic**) surface. Examples...the surface of the **medical device**. While not intending...

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☐ **9. COATING COMPOSITIONS FOR BIOACTIVE AGENTS**

DEWITT, David, M. / FINLEY, Michael, J. / LAWIN, Laurie, R. / MALINOFF, Harrison, R. / SURMODICS, INC., PATENT COOPERATION TREATY APPLICATION, Oct 2005

...pretreatment of a **metallic** surface. The...that includes a **medical device** coated with a...surface of a **medical device** implanted in...underlying (e.g., **metallic**) surface.

Examples...surface of the **medical device**. While not intending...

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☐ **10. BIODEGRADABLE OCULAR DEVICES, METHODS AND SYSTEMS**

VARNER, Signe, E. / GUIRE, Patrick, E. / TATON, Kristin, S. / WEN, Jie / BEELEY, Nathan, R., F. / LAWIN, Laurie, R. / HERGENROTHER, Robert, W. / (...) / **SURMODICS, INC.**, *PATENT COOPERATION TREATY APPLICATION*, Jan 2006
...June 24, 2004, entitled "BIODEGRADABLE **MEDICAL DEVICE**," and U.S. Provisional Application...addition to the relative effectiveness of **drug delivery** across the barrier, complications or...No. 5,516,522 a biodegradable porous **drug delivery** device for controllably releasing a...

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☐ **11. Future of the U.S.-Japan security alliance : foundation for a multilateral security regime in Asia? /**

Allen, Keith W., Jan 2003

Thesis (M.A. in National Security Affairs)--Naval Postgraduate School, June 2003. Thesis advisor(s): Edward A. Olsen, Gaye Christoffersen. Includes bibliographical references (p. 109-119). Also available online.

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☐ **12. A BRACHYTHERAPY DEVICE AND METHOD OF USE**

SCOTT, Neal, A. / HAMPIKIAN, Janet, M. / RADIOVASCULAR, INC., *PATENT COOPERATION TREATY APPLICATION*, Oct 2002

...substrates. In particular, the present invention relates to a **medical device**, or a component thereof, having at least one radioactive coating layer thereon. The **medical device** is preferably a device for treating tumors. More preferably...

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☐ **13. Functionally gradient hard carbon composites for improved adhesion and wear**

Narayan, Roger Jagdish., Jan 2002

...Substrate 164 vii 10.11 Film Stresses 165 10.12 Problems with **Medical Device** Alloys 167 10.12.1 Steel and Cobalt Chromium Alloy 167...micrographs exhibiting the different stages of diamond **composite coating** on cobalt alloy 196 12.7 X-ray diffraction measurements...

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☐ **14. MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING**

WHITBOURNE, Richard, J. / CHAMBERLAIN, Alexandra, M. / HULLIHEN, Daniel, G. / ROSEBROUGH, Scott, F. / CALISTRI-YEH, Mildred / ANGIOTECH BIOCOATINGS CORP., *PATENT COOPERATION TREATY APPLICATION*, Apr 2005

...Stents are typically tubular **metallic** devices, which are thin-metal screen-like...The inventive hybrid coatings use a **drug delivery** layer which permits the loading and...of a stent. This provides a valuable **drug delivery** platform which can be modified slightly...

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☐ **15. web frontmatter** [PDF-3MB]

Feb 2004

...Order No. 04-5646 · Weight 2 lbs M \$115 S \$91 L \$164 BULK **METALLIC GLASSES**
Peter K. Liaw and Raymond A. Buchanan, editors ISBN...2 \$118 \$168 \$ 04-5735 Bulk
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❑ **16. Supplement to the** [PDF-297K]

Apr 2006

Supplement to the AUSTRALIAN OFFICIAL JOURNAL OF PATENTS The Australian Official Journal of Patents (Supplement) is part of the Official Journal issued by the Commissioner of Patents for the purpose of the Patents Act 1990, the Trade Marks Act 1995 and the Designs Act 2003.

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❑ **17. Engres205.indd** [PDF-537K]

Jun 2005

Department of Engineering Materials The University of Sheffield Sir Robert Hadfield Building Mappin Street Sheffield S1 3JD United Kingdom Tel: +44 (0) 114 222 5941 Fax: +44 (0) 114 222 5943 <http://www.shef.ac>.

[\[http://www.sheffield.ac.uk/content/1/c6/01/56/49/Engre...\]](http://www.sheffield.ac.uk/content/1/c6/01/56/49/Engre...)
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❑ **18. POLYMER COATING FOR MEDICAL DEVICES**

RYPÁ / CEK, Frantisek / LAPCÍ / KOVA, Monika / MACHOVÁ / , Ludka / RYPÁ / CEK, Frantisek, PATENT COOPERATION TREATY APPLICATION, Aug 2003

...be used in an implantable **medical device** such as a stent. The invention...require the placement of a **medical device** into the body. While necessary...provide a durable implantable **medical device** capable of delivering a...characteristics, when used alone as **drug delivery** vehicles, provide coatings...

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❑ **19. Biomaterials for implanted closed loop insulin delivery system: A review**

Wilkins, E. / Radford, W., Biosensors and Bioelectronics, Jan 1990

...the A review ofbiomaterial implants 169 biocompatibility of **metallic** materials is controlled by the chemical, or more precisely...THAT INDUCE BLOOD AND TISSUE RESPONSES IN IMPLANTS When a **medical device** is implanted, immunological responses are trig- gered even...

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❑ **20. No Title** [PDF-423K]

Apr 2005

...development and training of a growing population of talented biomedical engineers. Members of the pharmaceutical, biotech, and **medical device** corporate community have been invited to view presentations of the research our seniors have conducted and to meet and interview...

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